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Declaration under Rule 4.17:

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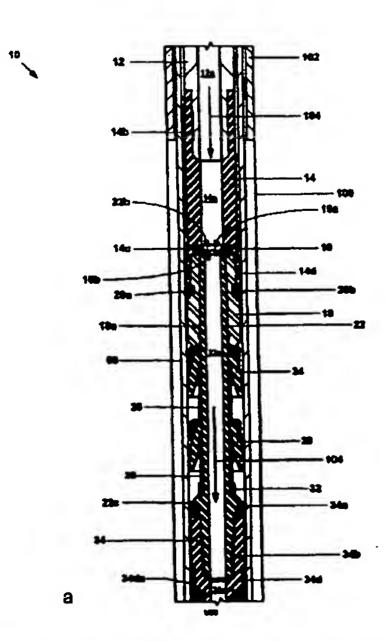
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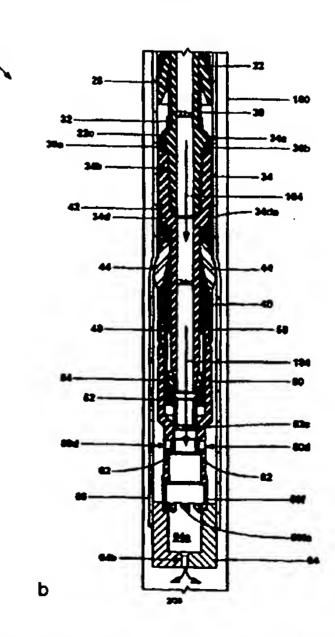
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(54) Title: COLLAPSIBLE EXPANSION CONE





(57) Abstract: An apparatus (910) for radially expanding and plastically deforming an expandable tubular member (66) includes a collapsible expansion cone (44, 46).

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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International application No.

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According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED					
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C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category *	Category Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.				
х	US 3,691,624 A (KINLEY) 19 September 1972 (19/09/1972), see especially Figure 1-3 26, 29				
	and columns 3 and 4.			20, 29	
A	US 3,631,926 A (YOUNG) 04 January 1972 (04/01/1972), see fig. 1.			30-33	
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